LA

STATIQUE GRAPHIQUE

ET SES

APPLICATIONS AUX CONSTRUCTIONS.


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STATIQUE GRAPHIQUE

ET SES

APPLICATIONS AUX CONSTRUCTIONS;

PAR

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PROFESSEUR AU COLLÈGE DE FRANCE ET A L'ÉCOLE CENTRALE
DES ARTS ET MANUFACTURES.

DEUXIÈME ÉDITION.

IIe PARTIE.

FLEXION PLANE. LIGNES D'INFLUENCE. POUTRES DROITES.

ATLAS.

PARIS,

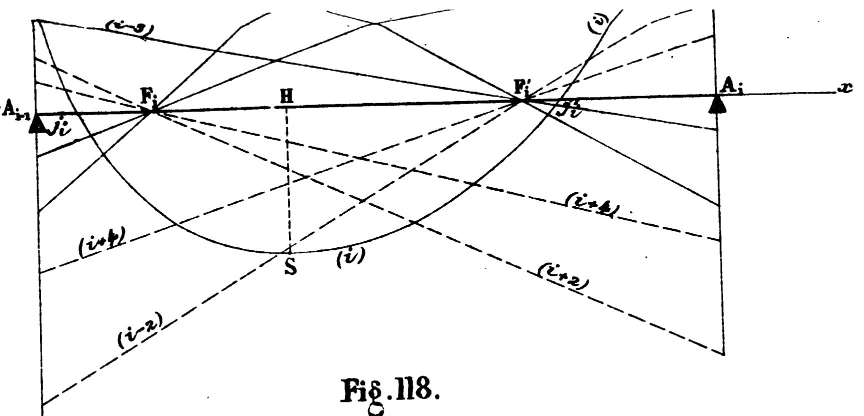
GAUTHIER-VILLARS, IMPRIMEUR-LIBRAIRE
DU BUREAU DES LONGITUDES, DE L'ÉCOLE POLYTECHNIQUE,
SUCCESSEUR DE MALLET-BACHELIER,
Quai des Augustins, 55.

1886

Fig. 115

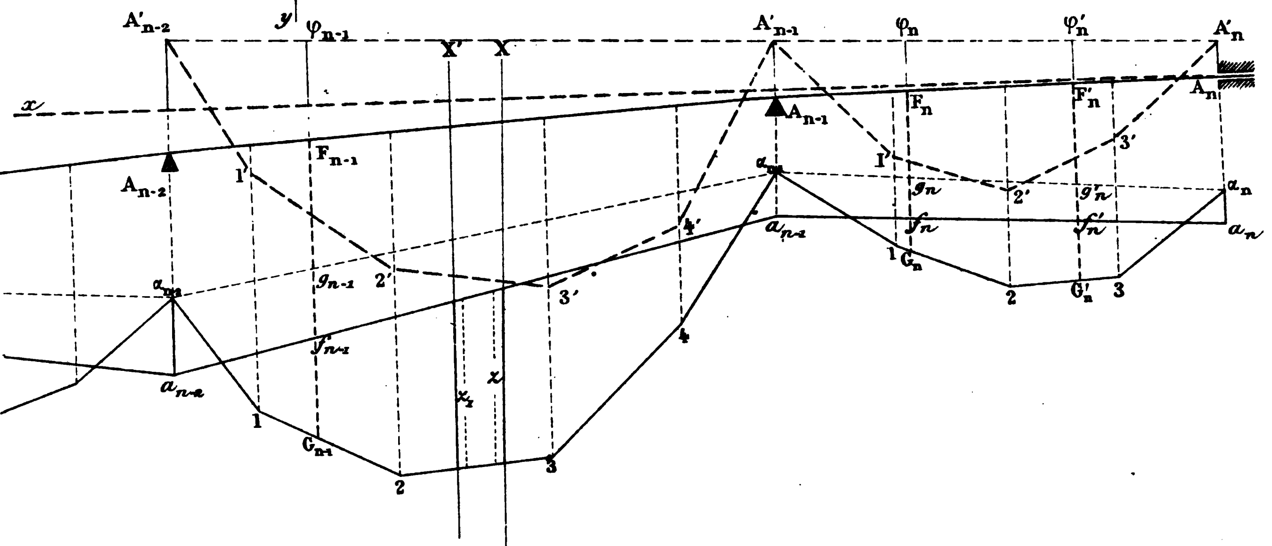
Fig. 116

Fig. 117



A_{i-1}
F_i
H
F'_i
A_i
x
y
S
(i)
(i-2)
(i+2)

Fig. 118.



A'_{n-2}
φ_{n-1}
X'
X
A'_{n-1}
φ_n
φ'_n
A'_n
A_{n-2}
F_{n-1}
A_{n-1}
F_n
F'_n
A_n
G_{n-1}
G_n
G'_n

Fig. 11

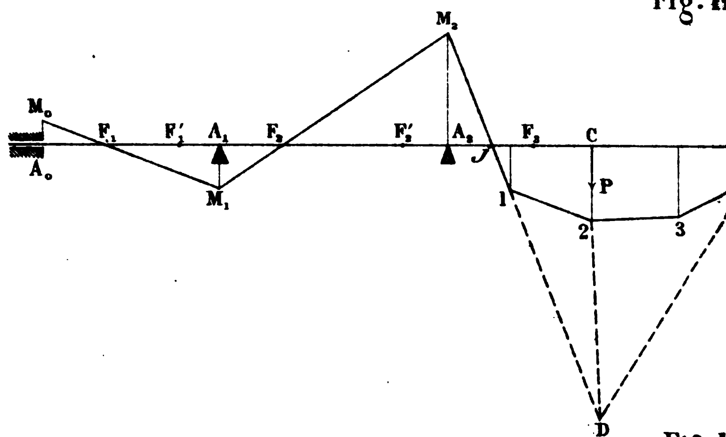


Fig. 1

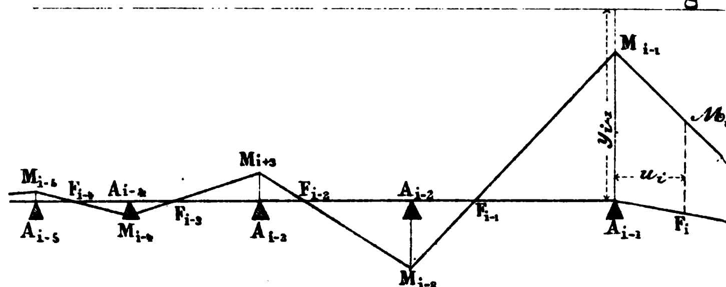
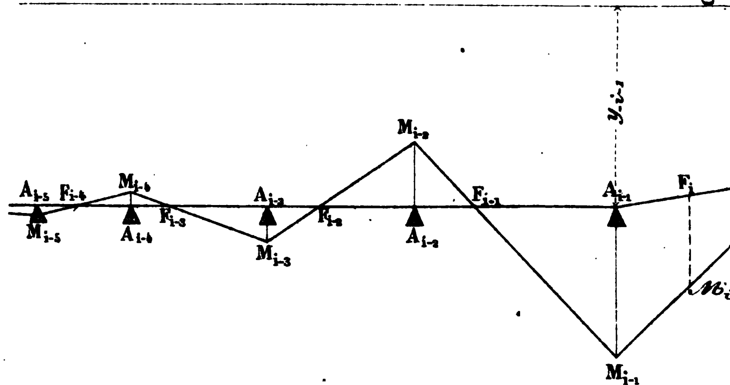
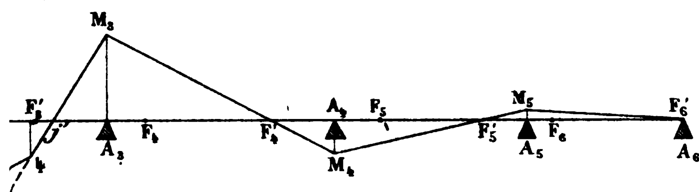


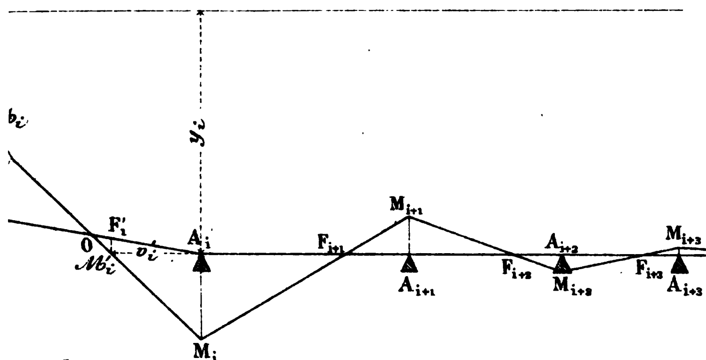
Fig.



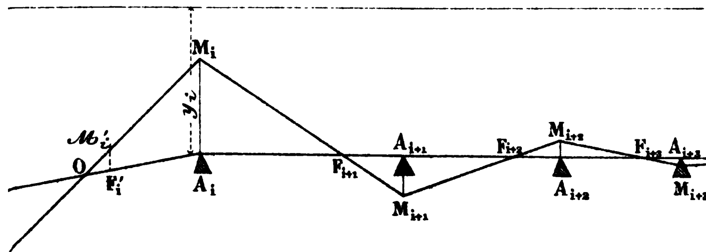
19



120



120 bis



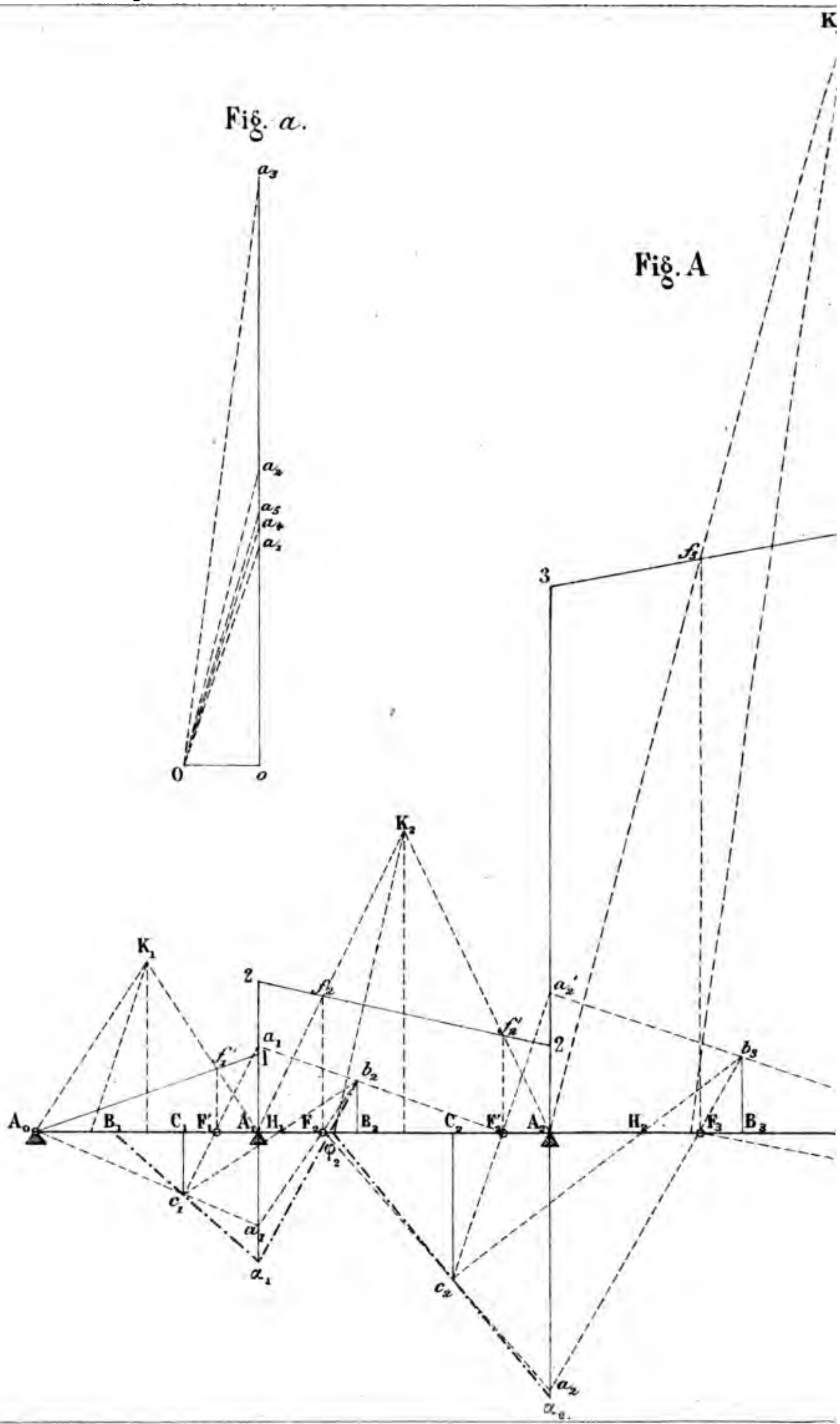

Fig. a.
Fig. A
K₁
K₂
A₀
B₁
C₁
A₁
H₁
F₂
B₂
C₂
A₂
H₂
F₃
B₃
c₁
c₂
a₁
a₂
b₂
b₃
f₂
f₃
2
3
O
o

Fig. D

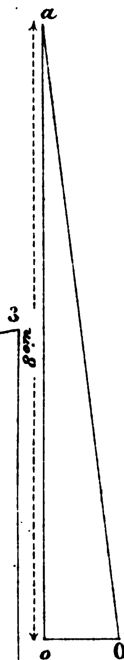
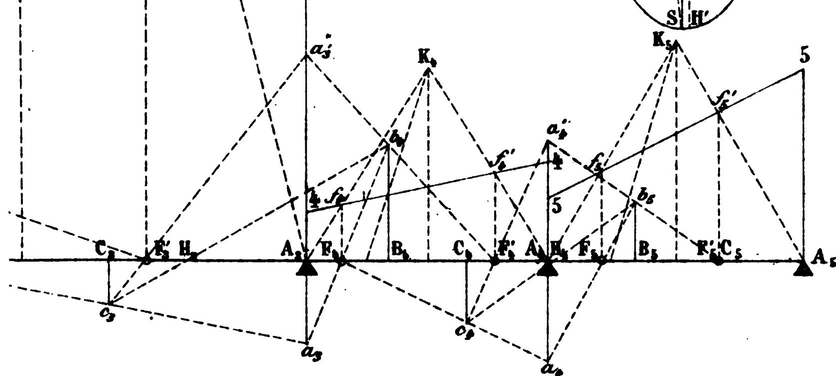


Fig. d.

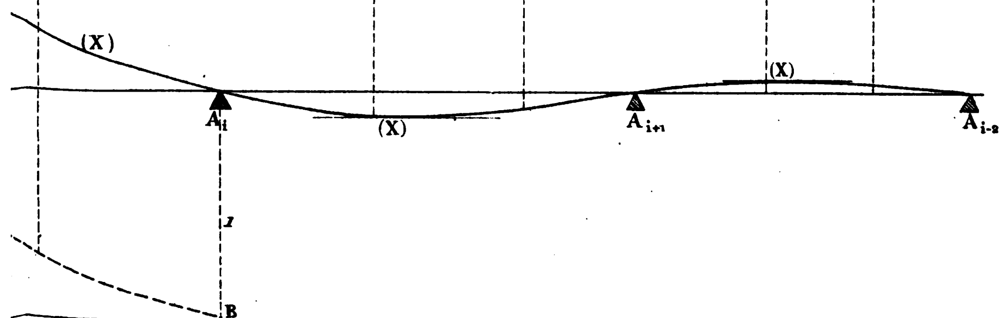


X
t_{i-2}
(A_{i-1})
a_{i-2}
t'_{i-2}
(A_{i-2}) (A_{i-2})
(X')
a_i
J'_{i-1} (A_{i-1})
x''
F_{i-2} F'_{i-2} F_{i-1} (X) F'_{i-1} c_{i-1} F_i
x'
α_d α_{i-2} C_1 α_g α_d
A_{i-3} A_{i-2} A_{i-1}
(A_{i-1}) (X') c'_{i-2} c_2
(X)
X_0
μ
a'_{i-2}
S S'
X'_0
B'
X
1 C'
(X)
A_{i-3} (X) A_{i-2} A_{i-1} x
(X)
C

Fig. 121

X'
(A_i)
J_{i-1}
c'_i
c'
(A_i)
c_{i+i}
c
(A_{i+1})
m'_x
(X')
m_x
(X)
m
(A_{i-1})
F'_i
F_{i+1}
C'
α_g
F_{i+1}
A_i
A_{i+1}
F_{i+2}
C
α_g
F'_{i+2}
A_{i-2}
c_i
m'
(A_{i-1})
(X)
(X')
a'_i

Fig. 122




89080442122
b89080442122a